

TO/6T/01

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	201503US55XDIV
First Inventor or Application Identifier	Prem PAUL
Title	POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PIG FROM A PRRSV AND A METHOD OF DETECTING A PRRSV
Assignee Name	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. and AMERICAN CYANAMID COMPANY
Assignee Address.	310 Lab of Mechanics, Ames, Iowa 50046-2131 and Five Giralda Farms, Madison, New Jersey 07940-0874

02/19/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification Total Sheets **255**

3.  Drawing(s) (35 U.S.C. 113) Total Sheets **40**

4.  Oath or Declaration Total Pages **3**

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation / divisional w/ box 17 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
- 5.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
- 6.  Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification or Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

- Continuation     Divisional     Continuation-in-part (CIP)    of prior application no.: 08/301,435

Prior application information: Examiner: WORTMAN

Group Art Unit: 1645

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- This application is a  Continuation     Division     Continuation-in-part (CIP)  
of application Serial No. 08/301,435 Filed on September 1, 1994, allowed, which is a Continuation-in-Part of Serial No. 08/131,625 filed October 5, 1993, now U.S. Patent No. 5,695,766, which is a Continuation-in-Part of Serial No. 07/969,071, Filed October 30, 1992, Abandoned.
- Which was published in English
  - Which was not published in English
  - This application claims priority of provisional application Serial No. Filed

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Signature:		Date:	03/19/01
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Prem S. PAUL et al

SERIAL NO: New Application

FILING DATE: Herewith

FOR: POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PIG FROM A PRRSV AND A METHOD OF DETECTING A PRRSV

## FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	60 - 20 =	40	× \$18 =	\$720.00
INDEPENDENT CLAIMS	2 - 3 =	0	× \$80 =	\$0.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
□ LATE FILING OF DECLARATION			+ \$130 =	\$0.00
			BASIC FEE	\$710.00
			TOTAL OF ABOVE CALCULATIONS	\$1,700.00
□ REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
□ FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
□ RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$1,700.00

- Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
- A check in the amount of **\$1,700.00** to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.  
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

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